OK

Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209045

Name of work: Providing of BBMP help point at Ramachandrapura in ward No. 11 (Ramachandrapura).... From..... To.....

Name and nature of Agency ....Sri Brahmananda Reddy, Banglore.....

Agreement of work .....

Full description, etc, of work	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Estimate cost:	Rs. 10.00 lakhs					
This code:	011-20-000026 P-1771					
Work order:	BBMP/EE/BTP/WO/103/2019-20 Dt: 01.10.2019.					
Date of Recording:	05/12/2019					
Excavation for foundation of shelters, water supply lines and electrical conduits either in pits or in trenches above in width in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to M. Measur.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Trenches shaving the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clods etc complete as per specification						
	Qty as per premeasurement Recorded vide Page no. 209081 of this MB is.					64.274 m³	
	@ Rs. 181.26/m³						11650=0
2)	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.5 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation including cost of all materials, labour etc of						

OOK

Depth 6	Contents 7	Refere to l Measu 8
rom edges of of cloths etc.		
corded MB is. 64.27 m³		11650=00
81.26/m³		
t concrete of ho mix and gregates @ 0.85 m³ d concrete e compacted bour thom of		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209046

..... From..... To.....

..... of nature of Agency .....

..... of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
etc complete as per specification. Qty as per pre measurement Recorded vide page No 209081, of this MB is @ Rs. 4667.65/m³					9.32 m³	43503=00
earthwork in position plain cement concrete and constructing granite / trap / basalt size stone in foundation with cement mortar 1:6 stone hammered in course not less than 20 cms high. bond stones at 5 in apart in each course including cost of materials, labour etc complete as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measu.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Qty as per pre measurement Recorded w'ole page No. 20&082 & this MB is 14.65 m³ =						588272
	@Rs. 4015.50/m³						
4)	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6 stone hammered dressed in coarse not less than 20 cms high bond stones at 2 m apart in each course including cost of materials labours curing etc complete as per specification						
	Long wall	2	9.15	0.45	0.45	3.71	
	Short wall	3	4.65	0.45	0.45	2.82	
	Toilet wall	1	2.80	0.45	0.45	0.57	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209047

..... From..... To.....

..... of nature of Agency .....

..... of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
g columns	6	1.50	0.45	0.45	-1.82	
					5.2843	
						25344=00
					@Rs. 4800.00/m³	
Measurement continued on: 26/12/2019						
laying cement concrete using 20mm and down coarse aggregates and fine aggregates of ready						
concrete (RMC) M20 for R.C.C works laid in 15 cms						
levs and well compacted, vibrating curing for raft						
foundation column footing, main and secondary beams with						
and lift etc complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref to Measu
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Column footing	6	1.50	1.50	0.60	8.10	
	Column Raising	6	0.15	0.75	4.00	2.70	
	Plinth Around	1	32.55	0.15	0.45	2.20	
	Lintel Around	1	32.55	0.15	0.20	0.98	
	Beam	1	4.25	0.30	0.45	0.57	
	Around beam	1	32.55	0.15	0.45	2.20	
	Roof slab	1	9.10	4.60	0.15	6.28	
	Building surrounding	2	9.10	1.10	0.15	3.00	
		2	4.60	1.10	0.15	1.52	
						27.52 m³	
				@Rs. 5638.20		/m³	155163 = 00

C4FC Memo

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

	Contents	Refer to l Measu
	7	8
	8.10	
	2.70	
	2.20	
	0.98	
	0.57	
	2.20	
	6.28	
	3.00	
	1.52	
	27.52 m³	
		155163=00
	/m³	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209048

..... From..... To.....

..... of nature of Agency .....

..... of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
Excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, consolidating each deposited layers by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all materials complete as per specification.						
Qty vide Item No. ① is					64.27 m³	
@ Rs. 121.80/m³						7828=00
Providing and constructing load bearing walls with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m³ and having a minimum average						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Compressive strength 4.00 N/mm² confirming to IS 2185 and constructed with CM 1:4 cs per IS including cost of all materials labour charges, scaffolding, curing etc complete as per specification						
	Long wall	2	8.55	-	3.00	51.30	
	Short wall	2	4.30	-	3.00	25.80	
	Room	1	2.70	-	3.00	8.10	
		1	2.85	-	3.00	8.55	
	Toilet wall	1	1.15	-	3.00	3.45	
	Parapet wall	1	4.45	-	3.00	13.35	
		2	9.10	-	0.20	3.64	
		2	4.60	-	0.20	1.84	
	Deduction openings NB	1	1.10	-	2.10	-2.31	

OOK

Depth 6	Contents 7	Refer to l Measu 8
ity to IS 2185		
ally coil & all		
& complete eq		
3.00	51.30	
3.00	25.80	
3.00	8.10	
3.00	8.55	
3.00	3.45	
3.00	19.35	
0.20	3.64	
0.20	0.84	
2.10	2.31	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209049

From..... To.....

Name of nature of Agency .....

Name of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	1	0.90	-	2.10	-1.89	
	1	0.75	-	2.10	-1.58	
	3	1.20	-	1.20	-4.32	
	1	0.60	-	0.60	-0.36	
	1	32.55	-	0.20	-6.51	
	1	32.55	-	0.45	-14.65	
					84.13 m²	
						67048 + 00
			@Rs. 796.96/m²			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
8)	Providing TMT Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking placing in position lapping and/or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps hooks, and wastage shall not be measured and paid) cost of materials, labours, HOH & machine complete as per specification.						
	Qty as per procurement recorded vide page No. 209082 & 083 of this MB is						
						S. Kuttoury	
						@Rs. 58124.54/tonne	199948

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209050

..... From..... To.....

Name of Agency .....

Name of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
providing integral cement based water proofing treatment including preparation of surface as required for roofs, balconies terraces etc consisting of following operations (a) Applying and grouting a slurry coat of neat cement @ 3.75 kg/sqm of cement admixed with proprietary compound confirming to IS 2645 over the RCC surface after cleaning the surface before treatment etc complete as per specification.						
	1	9.10	4.60	-	41.86	
	1	3.10	3.00	-	9.30	
					50.96 sqm	44181=00
			@Rs. 866.97/sqm			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measu.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Measurement contained on:					22/01/2020	
10)	Providing 12 mm thick cement plaster in single coat with cement mortar 1:3 to ceiling including rounding off corners wherever required smooth rendering: providing and removing scaffolding including cost of materials, labours complete as per specification						
	Hall	1	5.30	4.25	-	22.53	
	Room	1	2.70	2.85	-	7.70	
		1	0.70	1.15	-	0.81	
		1	2.75	2.00	-	5.50	
	Toilet	1	2.00	1.15	-	2.30	
	Front	1	9.10	0.60	-	5.46	
						44.20 m²	
				@Rs. 185.09/m²			8181.0

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209051

From..... To.....

Name of nature of Agency .....

Name of work .....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
Cement plastering in single coat with 1:6 brick mortar including rounding off wherever required smooth rendering : providing and curing complete as per specification. (Inside Plastering)						
Hall	2	5.30	-	3.00	31.80	
	2	4.25	-	3.00	25.50	
Rooms	4	2.70	-	3.00	32.40	
	2	2.85	-	3.00	17.10	
Toilet	3	1.20	-	3.00	10.80	
	2	1.55	-	2.10	6.51	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Deduct for openings MD	0.50	1.10	-	2.10	- 1.16	
	MD1	1	0.90	-	2.10	- 1.89	
	Toilet door	1	0.75	-	2.10	- 1.58	
	windows	3 x 0.50	1.20	-	1.20	- 2.16	
		0.50	0.60	-	0.60	- 0.18	
						117.03 m²	
				@Rs 234.96/m²			27499
12)	Providing 18mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labours curing complete as per specification						

OK

Depth 6	Contents 7	Ref. to last Measu. 8
2·10	- 1·16	
2·10	- 1·89	
2·10	- 1·58	
1·20	- 2·16	
0·60	- 0·18	
	117·03 m²	
·96/m²		27497·00
gle coat with		
roughly off		
rowly and		
, labours		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209052

From..... To.....

Name of Agency .....

Name of work .....

Full description, etc. of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Wall plastering	2	8·55	-	4·20	71·82	
	2	4·60	-	4·20	38·64	
	1	2·40	-	2·00	4·80	
Deducting for openings viz Doors	0·50	1·10	-	2·10	- 1·16	
Windows	3×0·50	1·20	-	1·20	- 2·16	
Ventilator	0·50	0·60	-	0·60	- 0·18	
					110·99 m²	
			@ Rs. 189·89/m²			21076·00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measu.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
					~~12.02.2020~~		
13)	Providing and fixing Special make glazed vitrified tiles (granomite finish) of approved make quality and colour of size 600x600x10 mm thick fixed on existing flooring with a special type adhesive for flooring and skirting etc complete as per specification.						
	Hall	1	5.30	4.25	-	22.53	
	Skirting	2	5.30	-	0.10	1.06	
		2	4.25	-	0.10	0.85	
	Room	1	2.70	2.85	-	7.70	
		2	2.70	-	0.10	0.54	
		2	2.85	-	0.10	0.57	
		1	0.70	1.15	-	0.81	
						34.02 m²	38826
						@ Rs. 1141.26/m²	

CAF
MEMO

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209053

From..... To.....

Name of Agency .....

Description of work .....

Description, etc. of work (1)	Dimensions: Number (2)	Length (3)	Breadth (4)	Depth (5)	Contents (6)	Reference to last Measurement (8)
Measurement Recorded on 25/02/2020						
Centering, shuttering, drilling, propping & removing all removal of form work for flat surface such as landings, balconies and like incl. including cost of materials, labours etc. as per specification.						
By as per premeasurement Recorded vide page No. 209084 of this MBis					53.80 m²	19813=00
				@Rs. 368.27/m²		

Depth (6)	Contents (7)	Reference to last Measurement (8)
12/02/2020		
trifical tiles		
eity and		
d on existing		
oring and		
ouplets es		
-	22.53	
0.10	1.06	
0.10	0.85	
-	7.70	
0.10	0.54	
0.10	0.57	
-	0.81	38826
	34.02 m²	

1.26/m²

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	14) providing and removing centering, shuttering, striking propping etc for columns, pillars, post and struts having rectangle / polygon in plan including cost of all material labours etc complete as per specification.						
	Qty as per measurement Recorded vide page No. 208/831, of this MB is					52.02 m2	
						Ch. 351.01/m2	
	15) Providing and removing centering, shuttering, striking, propping etc and removal of form work for slabs and soffits of beams, beams haunches, cantilever girders brackets and lintels not exceeding 1m in depth including cost of material labour etc complete as per specification						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209054

From..... To.....

Name of nature of Agency .....

Name of work .....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
As per pre measurement Recorded vide page No. 209084					This as is 77.72 m2 =	19081=00
					@Rs. 245.51/m2	
Providing and fixing 1mm thick M.S. sheet garage door with horizontal and diagonal braces of size 40x40x6 mm angle iron 3.15 mm thick M.S. sheet plates at the junction of corners with handles stoppers and locking arrangements including applying a priming coat of red lead paint coat of labours etc complete as per specification						

Contents	Reference to last Measurement
7	8
...lling ... labour ...aterial	
...d 52.02 m2 =	18260=00
...ing, propping ...rills & ...rements ...coat &	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	MD	1	1.20	-	2.10	2.52	
	Room door	1	0.90	-	2.10	1.89	
	Toilet door	1	0.75	-	2.10	1.58	
						5.99 m2	
							13397
				Ch. 2236.48			
18	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilator side hung/top hung fully openable as per approved drawing using 2 angle of 25x33x3 mm weighing 1.119 kg/m both for outer and inner frames and central mullion section of size 25x46x3 mm weighing 2.28 kg/m duly all complete as per specification						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209055

From..... To.....

Name of nature of Agency .....

Name of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	1·20	-	1·20	4·32	
	1	0·60	-	0·60	0·36	
					4·68 m²	
			Qty limited		2·30 m²	
			Rate Rs. 3385·41/m²			7786·00
Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface after priming coat with clix keeper primer after thoroughly the surface free from mortar drops and other foreign						

Contents 7 | Reference to last Measurement 8

2·52
1·89
1·58
5·99 m²

13397

4·68 m²

concrete
or side
ed drawing
kg/m both
ulsion
g/m² only

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	matter including preparing the surface even and round paper smooth cost of materials, labours, etc complete as per specification						
	Qty vide Item No (10) & (11) is					161.23 m²	
	@Rs. 68.09/m²						10978
20)	providing and finishing external walls in two coats with water proof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered materials free from mortar drops and other foreign matter cost of materials labours, etc complete as per specification						
	Qty vide Item No. (12) is					110.99 m²	
	@Rs. 80.56/m²						8941

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209056

..... From..... To.....

..... Name of Agency .....

..... Name of work .....

Description etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
Providing and fixing chorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot water supply including all cpvc plain and brass fittings including fixing the pipe with clamp at 1.00 m c/c including cutting of pipes and making good the damage including testing & joint complete 20 mm nominal pipe						
	1	25.00	-	-	25.00 m	5035=00
			@ Rs. 201.40/m			
Providing and fixing chorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to M. Meas.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Water supply including all cpvc plain end brass threaded fittings including fixing the pipe with clamp at 1.00 m spot & the cost of cutting chases and making good the same including testing & joints complete 25mm nominal OD pipes						
		1	20.00	-	-	20.00 m	479 S
				@Rs. 239.76/m			
23)	Providing and fixing chorinated poly vinyl chloride (cpvc) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including & all cpvc plain end brass threaded fittings including fixing the pipe with clamps at 1.00 m spat & the cost of cutting chase and making good the same including testing of joints complete. 30mm nominal OD pipes						
		1	1.00	-	-	1.00 m	273=00
				@Rs 273.33/m			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209057

..... From..... To.....

..... Nature of Agency .....

..... Name of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
Providing and fixing in position brass gate valve with CI (screwed end) 25 mm nominal bore of approved quality (screwed ends) complete as per specification.	10	-	-	-	10 Nos	5754.00
			CR. 578.42/No			
Providing brick masonry inspection chamber 455x610 mm (clear inside dimension) for single pipeline 1.00 m deep with rendered non-modular bricks of class designation 50 in cement mortar 1:5 CI cover with frame (light duty) 455x610 mm (nominal size) total weight of cover with frame to be not less						

Contents	Reference to last Measurement
7	
threaded spot & ality	
20.00 m	4795.00
/m	
(pvc) pipes hot and brass ps ab 1.00 m ious pipes	
1.00 m	273.00
/m	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	than 38 kgs (weight of cover 23 kgs and weight of frame 15 kgs) R.C.C top slab with cement concrete M 15 with 20 mm and down size granite metal, foundation concrete M 15 with 40 mm and down size granite metal etc complete as per specification	1	-	-	-	1 No	
						@ Rs. 6752.60/No	6753
26)	Providing and fixing white vitreous china clay, surgeon type wash basin size 660 x 460 mm with a pair of 15 mm CP brass pillars taps with pair of elbow operated levers CI I/Rs brackets 32 mm CP brass waste of standard pattern painting of fittings and brackets cutting and making good the wall and floor wherever required including cost of materials labour complete as per specification	2	-	-	-	2 units	
						@ Rs. 4391.50/unit	8783

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209058

From..... To.....

Name of nature of Agency .....

Name of work .....

Description etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
Providing and fitting in position brass nib cock of approved nominal bore including cost of all materials and labour involved in the operation complete as per direction.	10	-	-	-	10 each	
			@Rs. 263.72/each			2637=00
Providing and fixing white vitreous china delay valve closet pattern of size 580 x 410 mm with integral type foot rests P trap 10 litres low level PVC flushing cistern (all white) with fittings CI/M.S. brackets 32 mm diameter PVC pipe fittings and clamps, overflow arrangement with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref to Meas
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	special cond 25mm moderito proof coupling cond making good the wall cond floor wherever required including cost of materials labours etc complete as per specification.	1	-	-	-	1 pair	
			@Rs. 4158.40/pair				4158.40
29	providing and placing on terrace, polyethlene water storage tank with manhole lid and suitable locking arrangement making hole of suitable diameter for inlet out let and over flow water pipes including cost of all materials, labours, letting complete as per specification (For 1000 liter capacity)	1	-	-	-	1 NO	
			@Rs. 8120.19/NO				8120.00

	Contents 7	Refe to Measu
al	making	
ding	cost of	
	1 pan	4158=00
pan		
Storage tanks		
making holes		
ow water		
complete		
	1 No	
	1 No	8120=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209059

From..... To.....

Name of Agency .....

Name of work .....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
Providing and fixing Sand cast iron soil waste and vent pipe with Spun yarn soaked in cement slurry and 1:2 including cost of materials, labours, testing as per specification.	1	20.00	-	-	20.00 m @ Rs. 675.16/m	13503=00
Providing and fixing on wall surface 2.5 kg/sq.cm H.D.P.E rain water pipes 90 mm outer dia approved make and brand specials like shoes, bends and offsets fixed with wall plugs, screws including cost of materials labours						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Rel... Mea...
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		1	9.00	-	-	9.00 M	
				@Rs. 381.70/M			3435
	Measurement continued on: 12/03/2020						
32)	Supplying and wiring adopting loop system in concealed PVC conduits / ceiling capping using 1100 V grade copper conductor flexible multistrand FRLS PVC insulated 2 x 1.5 sqmm cable confirming to the GTP with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet / Gang box the other end of the wires shall be terminated with sufficient loose length in a wooden / PVC round block complete for each outlet Group A 5) Medium point above 3m upto 6m from tapping point to outlet via metal						
		3	-	-	-	3 NOS	653
				@Rs. 217.56/NOS			

Contents	Ref to Meas
7	
9.00 m =	3435 =
12/03/2020	
fully PVC	
conductor	
in case	
p control	
1/6 amp sop	
Sufficient	
each	
by from	
3 NOS	653 =

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209060

From..... To.....

Name of Agency .....

Name of work .....

Description etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
Supply and fixing mouldy teak wooden box without cover not less than 12 mm thick wood after neatly finishing with necessary cement plastering 6"x6"x3" (151x151x76 mm)	2	-	-	-	2 NOS =	121=00
			CR. 60.38/NOS			
Supply 6 mm thick plastic sheet needful niches for fixing regulators etc and fixing on mouldy wooden box with M.S screws						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Remarks / Measurements
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		1	8 Mtr	-	-	8 Mtr Agency	
				@Rs. 0.22/ Rs. cm			186.00
35)	Extra for groove cutting in brick wall / CC floor to the suitable depth for concealing of conduit / GI pipe and plastering finishing upto wall surface complete upto 50 mm conduits in brick wall						
		1	30.00	-	-	30.00	
		1	30.00			30.00	
						60.000 m	
				@Rs. 18.65/ m			1119.00

Contents	Ref. to Meas.
7	
Sub Agency	
	186·00
·cm	
the	
and	
pto	
30·00	
30·00	
60·00 m	
	1119·00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209061

From..... To.....

Name of Agency .....

Name of work .....

Description etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
Providing heavy gauge pvc conduit pipes 19/20 mm dia with suitable size bends, metal junction boxes etc by groove cutting in the wall and fixing by means of U hooks and cement plastering upto the final run with 18 swg GI binding wire run along the conduit wherever necessary						
Schedule Item No. (38) is @ Rs. 49.73 /m					60·00 m	2984·00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
37)	Supplying and fixing PB/BC/Bakelite strength or Mank batten holder and wiring with 60 w/230 volts lamps	1	-	-	-	1 No	
				Rs. 78.14/No			78=00
38)	Supplying patti type fluorecent tube light fittings of 21 suitable for 14 watts fluorecent tube fittings made out of M.S. sheet and stove enameled with HF electronic ballast screw type brass contact holders mounted on double gold type sheet base fully wired for use on 230 volts AC supply including TS lamps	1	-	-	-	1 No	
				Rs. 524.81/No			525=00

	Contents	Ref to Meas
	7	
or Mark lamps 1 No		
		78=00
No		
ings of 21 mode out ronic ballast double fold AC supply 1 No		
		525=00
1 No		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209062

From..... To.....

Name of nature of Agency .....

Name of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
For lighting/power circuit using one of FRLS PVC insulated single core wire in open or concealed system of multistranded copper with 100 conductor with specified group A 1.5 sq mm	1	15.00	-	-	15.00 m	
			@ Rs. 16.52/m			248=00
Supplying and fixing cost aluminium round or oblong head fittings with GI wire guard, glass cover with 230V 9W LED lamps	4	-	-	-	4 Nos	2658=00
			@ Rs. 663.34/Nos			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	41) Supplying fixing wiring earth electrode for providing conduit I.C. cutouts and other equipments on the meter board using normal size 2.80 mm thick GI pipe 2.5 m long buried in a pit the pit should be filled with equal proportion of salt and charcoal 150 mm all round the pipe to complete depth the connection from the pipe to the conduits etc complete as per specification	1	-	-	-	1 No	
						@Rs. 2421.58/No	2422.00
	42) Supplying of 1.1 KV 2 Core cable having aluminium conductor PVC insulated extruded inner sheathed galvanized steel strips (except 2 core 1.1 KV may wire armoured) and of strips indicated in SOR) and extruded PVC outer sheathed						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209064

From..... To.....

Contents 7	Ref to last Measu
...ing conduit ...oard buried portion ...o complete ...th	
1 No	2422-00
...M	
...ng conduit ...anized cond ...Mealled	

	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
...ble RTP ... group - A						
	1	25.00	-	-	25.00 M	3117=00
			@Rs. 124.68/M			
...ges for laying ... 1.1 kV class ... cable in existing ... pipe/stoneware pipe/on wall/on poles as required						
	1	25.00	-	-	25.00 M	2402=00
			@Rs. 9.59/M			
...trenches ... 0.60 m deep x 0.50 m wide refilling to the required ground level and consolidate						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		1	20.00	-	-	20.00 m	
				@Rs. 75.48/m			BS10
45)	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25 mm on pole/wall drain crossing with necessary clamping arrangement for UG cable of 1.1kV 40mm dia GI pipe						
		1	4.00	-	-	4.00 m	
				@Rs. 306.36/m			1225
46)	Supplying and fixing L.T cast iron pot heads suitable for 1.1kV class UG cable filled with necessary bitumen insulating compound complete with terminals, clamps, bolts, nuts, and washers brass etc						

K

epth 6	Contents 7	Ref to Meas
	20.00 m	
5.48/m		5510.00
ty) 9i pipe		
ole/wall		
ut for UG		
	4.00 m	
		1225.00
36/m		
es suitable		
bitumen		
clamps.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209063

From..... To.....

Agency .....

Name of work .....

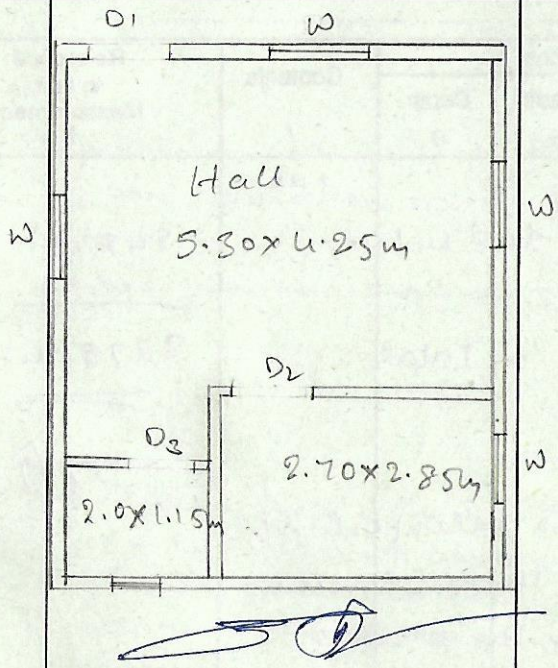
Description etc. of work 1	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1	-	-	-	1 NO	
			@Rs. 248.64/NO			249.00
				Total		887904=00

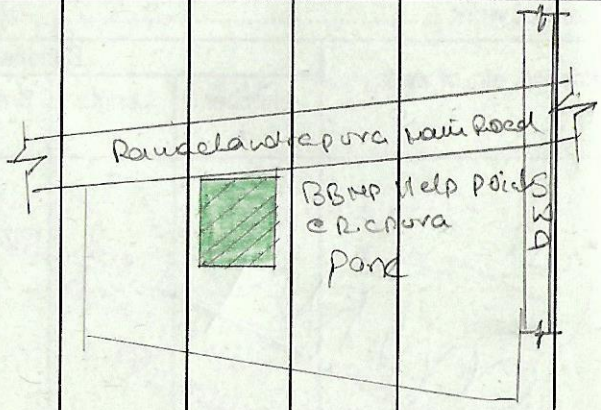
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

That the above work done is satisfactorily
It was experimental mine with the contractor.
Contractor has clear all the debris from the work spot.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Remarks
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	





Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97